

VERSION WITH MARKINGS TO SHOW CHANGES MADE

4. Injection moulding device (1) according to ~~any of~~ the preceding claims claim 1, the bush being seated in a cavity (21) in the mould body (2) at a distance from the sidewalls of the cavity (21), the bush having a lower shoulder (24), a clamping ring (22) being screwed into the cavity (21) and engages with the shoulder (22) on the bush, an inner wall (25) of the clamping ring (22) being spaced away from the sidewall of the bush (13).

5. Injection moulding device (1) according to ~~any of~~ the preceding claims claim 1, wherein the actuator means (15) comprises a cylinder (15) that is placed above the valve pin (11), coaxial therewith, a cylinder housing (30) being detachably coupled to a cooling plate (14) having a cooling channel (18) located below the cylinder (15) and having a bore (47) accommodating the upper end of the bush (13).

6. Manifold unit (2) for use in an injection moulding device according to ~~any of the preceding claims~~ claim 1, comprising a central channel, a branching channel (21) and at least one nozzle (3) connected to the branching channel, the cooling plate (14) being supported on the manifold body (2) via a refractive spacer member (52), a cylinder being placed above the valve pin (11), coaxial therewith, the cylinder housing (30) being coupled to the cooling plate, the cooling plate (14) comprising a cooling channel (18) located below the cylinder (15) and having a bore (47) accommodating the upper end of the bush (13).